

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Application Number 10/501,442	Filing Date: July 13, 2004 371 Date: October 29, 2005
	First Named Inventor KEROVUO, Janne	
	Docket Number D2000-1WUS	
	Examiner Name Sheridan Swope	Art Unit 1652
	Mailing Date Januray 3, 2007	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Publication Date (MM-DD-YYYY)	Document No. Number-Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	02-19-2004	US 2004/0034888 A1	Liu, et. al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite ¹ No.	Publication Date (MM-DD-YYYY)	Document No. Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	2.	05-11-2000	WO 00/26464 A2	Novo Nordisk Biochem North America, Inc.		
	3.	10-25-2001	WO 01/79440 A2	Novozymes A/S		

NON PATENT LITERAURE DOCUMENTS

Examiner Initials	Cite ¹ No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, volume-issue number(s), page(s), publisher, city and/or country where published.	T ⁶
	4.	TAKAO, et. Al., "Molecular cloning, DNA sequence, and expression of the gene encoding for thremostable pectate lyase of thermophilic Bacillus sp. TS 47", Bioscience Biotechnology and Biochemistry, 2001, 65(2):322-329.	
	5.	KLUSKENS, et. al., "Molecular and biochemical characterization of the thermoactive family 1 pectate lyase from the hyperthermophilic bacterium Thermotoga maritima.", Biochem J., 2003, 370(2):615-659.	
	6.	EMBL Database AE012106, May 28, 2002	
	7.	UNIPROT Database Q8A5I5, June 1, 2003	

EXAMINER: /Sheridan Swope/ (02/16/2008)

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

SEND COMPLETED FORM TO: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
ATTORNEY DOCKET NO.: D2000-1WUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KEROVUO et al.	Art Unit:	Sheridan Swope
Application No.:	10/501,442	Examiner:	1652
Filed:	July 13, 2004	Conf. No:	8134
Title:	A Pectate Lyases, Nucleic Acids Encoding Them and Methods for Making and Using Them		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, V.A., 22313-1450

SECOND SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 & 1.98

Dear Sir:

In accordance with 37 C.F.R. §1.97 & 1.98, Applicant submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO/SB/08a/b were cited in a Supplementary Partial European Search Report mailed on December 28, 2006, directed to a counterpart foreign application and have not been previously cited. A certification under 37 C.F.R. § 1.97(e)(1) follows:

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/

In re Application of:
KEROVUO et al.

PATENT

Application No.: 10/501,442
Filing Date: July 13, 2004
Page 2

Attorney Docket No.: D2000-1WUS

The Information Disclosure Statement is submitted:

Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. §1.97(e)(1) has been provided.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. §1.97 & 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

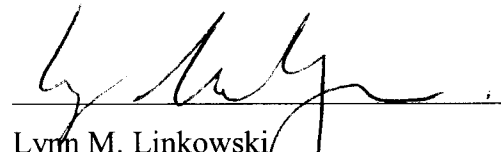
Although no fee is deemed necessary in connection with the filing of this Information Disclosure Statement, in the event that the U.S.P.T.O. determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees associated with this the filing of this document to **Deposit Account No. 50-0661**, referencing docket no. D2000-1WUS.

Respectfully submitted,

Date:

1/3/2007

Diversa Corporation
Intellectual Property Department
P.O. Box 910550
San Diego, CA 92121
Customer No. 29062


Lynn M. Linkowski
Reg. No. 47,320
Telephone: (858) 526-5450
Facsimile: (858) 526-5950